

## Javelin Value-line Printers

*Our most affordable full color desktop card printers for either single or dual-sided printing solutions*

Javelin J1xx printers are reliable, compact and easy-to-use card printers that deliver outstanding performance at a great price. Boasting versatility and ease-of-use, Javelin J1xx printers are ideal for applications such as:

- Employee ID and Access Cards
  - Student and Faculty IDs
  - Remote/Distributed Issuance
  - Membership Cards
  - Personalized Loyalty and Gift Cards
- ..... and more!

### **Versatile / Easy-to-Use**

There are four different models in the J1xx range. Print in full color or monochrome, single or dual-sided. Choose either an automatic multi-card feeder or single card feed. User-friendly features such as blue touch points indicating user touchable areas; translucent card cover showing card supply; and a “no-tools-necessary” print head replacement are just a few of the features which make these printers easy to handle. Along with their compact and sleek design, you can afford to put one of these printers just about anywhere.

### **Innovative Patent Pending Technology**

Javelin J1xx printers use high strength plastics and advanced electronics for reduced size and weight, and to provide outstanding performance. Easy to replace Load-N-Go™ ribbon cartridge with integrated card cleaning roller features automatic set-up and low ribbon warning indicator.

### **Ideal Hardware Choice for Remote and Distributed Issuance Solutions**

Coupled with the latest remote and distributed issuance software from NBS' software division, UbiQ<sup>®</sup>, the Javelin J100i printer becomes a powerful financial EMV solution for local, instant issuance capabilities while maintaining centralized security.

For additional capabilities, consider upgrading your Javelin printer to status\*. With the integration of our optional board, Javelin printers\* can operate as a true network printer without a dedicated PC and provide a range of other unique performance and security options.



**... small printers,  
big statements ...**

# Javelin® Value-line Printers

## Javelin J1xx Printers at a glance

- Color printing
- Monochrome printing
- Single-side printing
- Dual-side printing
- Card input hopper (100 cards)
- Card output hopper (45 cards)
- Single card feeder
- USB interface
- USB & Ethernet interface
- Magnetic stripe encoding (3-track HiCo/LoCo)
- Contact smart card personalization
- Contactless smart card personalization
- Storage for multiple card types and cleaning rollers
- Card thickness supported: 30 mil
- Card thicknesses supported: 20 - 40 mil
- Clear card supported
- Upgrade to additional "JX" features\*

	J100i	J110m	J110i	J120i
Color printing	●		●	●
Monochrome printing	●	●	●	●
Single-side printing	●	●	●	●
Dual-side printing				●
Card input hopper (100 cards)		●	●	●
Card output hopper (45 cards)		●	●	●
Single card feeder	●	○	○	○
USB interface	●	●	●	●
USB & Ethernet interface	○	○	○	○
Magnetic stripe encoding (3-track HiCo/LoCo)	○	○	○	○
Contact smart card personalization	○			
Contactless smart card personalization	○			
Storage for multiple card types and cleaning rollers	●			
Card thickness supported: 30 mil		●	●	●
Card thicknesses supported: 20 - 40 mil	●	△	△	△
Clear card supported	●	△	△	△
Upgrade to additional "JX" features*	○	○	○	○

Legend: ● = standard features; ○ = optional features; △ = with optional CardSense™ single card feeder

## Technical Details

### GENERAL SPECIFICATIONS

- Load-N-Go™ drop-in ribbon cartridge
- 6-digit LCD display
- 8MB image memory standard
- NBS printer drivers for Windows® XP, Vista, 2000 & Server 2003
- Up to three years printer warranty
- Up to two years (unlimited passes) print head warranty

### PRINTING

- Color dye sublimation and monochrome thermal transfer printing
- Print speeds  
*Monochrome: 7 seconds*  
*Single-side, full color (YMCKO): 30 seconds*  
*Dual-side, full color face, black reverse (YMCKOK): 40 seconds*
- 300 dpi (11.8 dots/mm) print resolution

### BAR CODES

- Code 39, Code 128 B & C with & without check digit
- 2 of 5 & 2 of 5 Interleaved
- UPC-A, EAN 8 & EAN 13
- PDF-417 2D bar code and other symbologies can be printed via Windows drivers

### CARD SPECIFICATIONS

- Types: PVC, PVC Composite
- Card width/length: ISO CR-80-ISO 7810, 2.12" \ (54mm) x 3.38" (86mm)
- Magnetic Stripe-ISO 7811

### RIBBON SPECIFICATIONS

Javelin i-Series printers require the use of Javelin encoded i-Series ribbons cartridges for full color printing

- Load-N-Go™ ribbon cartridge with integrated card cleaning roller
- YMCKO: 200 cards/cartridge
- YMCKOK: 170 cards/cartridge
- Monochrome: 1000 cards/cartridge in black, blue, red, green, gold or silver, 850 cards/cartridge in white

### MECHANICAL

- Width: 7.9 in (201mm)
- Depth: 12.9 in (328mm)
- Height: 9.25 in (235mm)
- Weight: 10 lbs (4.5kg)

### ELECTRICAL

- 110 ~ 240 Volts AC, 50 ~ 60 Hz (auto switching)
- FCC Class B, CE and either NRTL or UL & CUL approved

### ENVIRONMENTAL

- Operating Temperature: 60°F to 86°F (15°C to 30°C)
- Operating Humidity: 20% to 65% non-condensing
- Storage Temperature: 23°F to 158°F (-5°C to 70°C)
- Storage Humidity: 20% to 70% non-condensing
- Ventilation: Free air

### ADDITIONAL FEATURES WITH OPTIONAL UPGRADE\*

- Enables Javelin to be run as a true network printer without a PC
- Ability to store layouts, fonts and images within the printer's memory
- Allows user to send print commands directly to the printer from a server, via the web, or by manual input
- Non standard magnetic encoding formats
- Remote diagnostics capabilities
- Password protected security
- Network security and data encryption to IPsec specifications (available shortly)
- Print farm utility (optional)

\* Optional JX upgrades available shortly. Ask for details.

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Always use TrueColours™ certified media from NBS Technologies

### Genuine NBS Supplies

Your choice of card printer supplies is critical. It is a primary factor affecting the reliability and consistency of printing. Genuine Javelin Supplies meet stringent quality standards and are tested for optimum performance with Javelin card printers.



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